NOTES CONTINUED:

- 16.MINIMUM & MAXIMUM
 DIMENSIONS SHOWN SHALL BE
 ADHERED TO AT CONSTRUCTION
 FINAL REGISTRATION FOR
 MAINTENANCE HAND BACK.
- 17. MINIMUM REACH TO BE CALCULATED ON A CASE BY CASE BASIS.

NOTES CONTINUED:

- 13.FOR PREVIOUS REVISIONS OF DRAWING AND NOT FOR FUTURE ALLOCATION STYLES (1MN & 2MN) REFER TO SHEETS 5 TO 7.
- 14.STATIC ELECTRICAL CLEARANCE FROM LIVE SIDE INSULATOR COLLAR IN ACCORDANCE WITH BS EN 50119:2020 FIGURE 2.
- 15.HEEL SETTING CAN BE ADJUSTED ON THIS TUBE IN ACCORDANCE WITH THE UKMS INSTALLATION MANUAL 141667-FAF-MAN-EOH-000003 ISSUE 2.0, SECTION 12.10.

NOTES CONTINUED:

- 10.FOR CATENARY SUPPORT DETAILS SEE SHEET 3 AND FOR ALLOCATION REFERENCES SEE SHEET 4.
- 11.GRADIENT OF TOP TUBE TO BE STEEPER THAN 1:5 (FOR EXAMPLE 1:3).
- 12.450mm MIN. ENCUMBRANCE FOR ALUMINIUM (AWAC) 5/2/3.95mm CATENARY CLAMP FITTING. REFER TO TABLE 3 ON SHEET 4.

NOTES CONTINUED:

- 7. FOR TORQUE SETTINGS REFER TO INSTALLATION MANUAL.
- 8. CATENARY WIRE TO BE INSTALLED IN ACCORDANCE WITH DETAILS 'A' TO 'D'; ON SHEET 3.
- 9. STATIC CLEARANCES LESS THAN 370mm DO NOT PROVIDE BASIC INSULATION IN ACCORDANCE WITH RAILWAY GROUP STANDARD GL/RT1210.

NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
- 2. THE STAGGER VALUES ARE TO BE DESIGNED IN ACCORDANCE WITH THE UKMS ALLOCATION DESIGN MANUAL,141667-FAF-MAN-EOH-000002 ISSUE 2.1, SECTION 12.7.
- 3. IN ALL CASES THE CATENARY SUPPORT TUBE IS TO BE INSTALLED IN A HORIZONTAL POSITION.
- 4. THE STAGGER DIFFERENCE BETWEEN THE CATENARY AND CONTACT WIRE TO BE MAINTAINED IN ACCORDANCE WITH THE UKMS MAINTENANCE MANUAL 141667-FAF-MAN-EOH-000004 ISSUE 2.2, SECTION 10.3.
- 5. MAXIMUM WORKING LOAD ON REGISTRATION ARM AND FITTINGS (Pc) = 3kN; HOWEVER ACTUAL WORKING LOAD IS LIMITED BY CANTILEVER DEFLECTION AT 0.9kN.
- 6. MAXIMUM WORKING LOAD (ACROSS TRACK) ON COPPER CATENARY WIRE (ITEM 20) (Pm) = 2.7kN. MAXIMUM WORKING LOAD ON ALUMINIUM (AWAC) 5/2/3.95mm CATENARY WIRE (ITEM 23) (Pm) = 6kN.





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UK MASTER SERIES

Drawing Title

UNDER BOOM LOW ENCUMBRANCE SUPPORT AND REGISTRATION ASSEMBLY

ENCUMBRANCE 185mm - 800mm

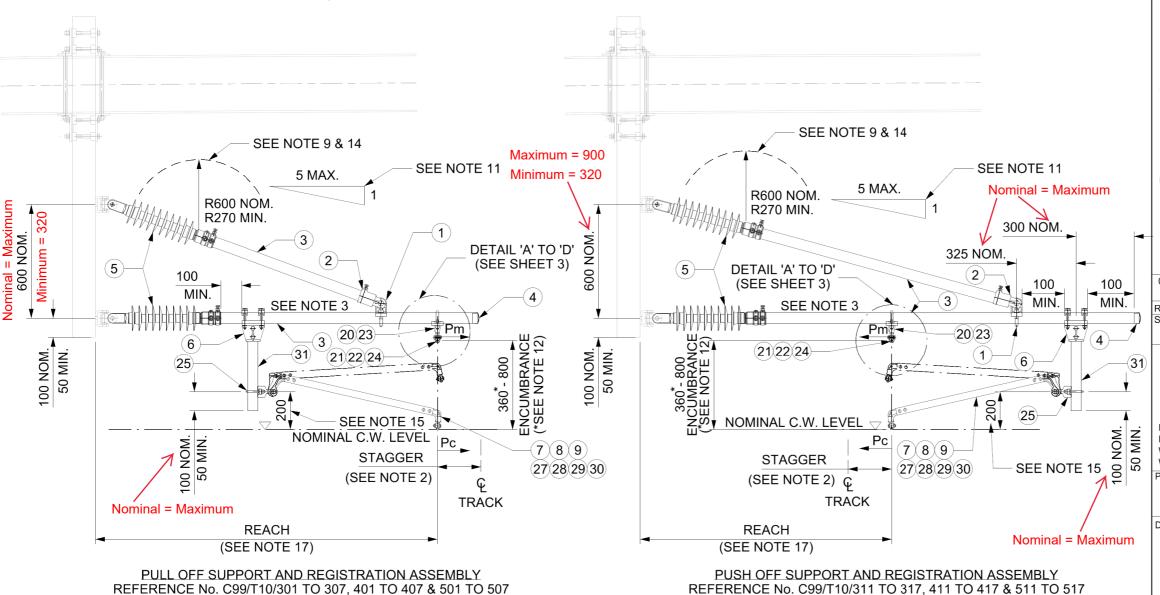
Designed	J.FISHER	Signed	JF	Date	19/07/21
Drawn	T.MAULE	Signed	TM	Date	19/07/21
Checked	M.POWER	Signed	MP	Date	26/07/21
1	H.PASCALL	Signed	HP	Date	05/11/21
Scale(s) 1.20					

1:20

Alternative Reference

Sheet 01 of 07

MS/C99/T10/A3



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